

0 1 2 3 4 5 6 7 8 9

LEAD INDEX

DESIG	LOCATION	
	FS	CAD
CONTROLLER CXT		
S-1	3C0	203
S-2	3C0	203
S-3	3C0	203
S-4	3C0	203
S-5	3C0	203
S-6	3C0	203
S-7	3C0	203
S-8	3C0	203
S-9	1C0	203
S-10	3C0	203
S-11	303	203
S-12	303	203
S-13	303	203
S-14	303	203
S-15	303	203
S-16	303	203
S-17	303	203
S-18	303	203
S-19	303	203
S-20	303	203
S-21	3F3	203
S-22	3F3	203
S-23	3F3	203
S-24	3F3	203
S-25	3C0	203
S-26	3C0	203
S-27	3C0	203
S-28	3C0	203
S-29	3C0	203
S-30	3C0	203

DESIG	LOCATION	
	FS	CAD

LOCAL TEST PORTS AND DISTRIBUTION CXT		
1-1	100	100
1-2	100	100
1-3	100	100
1-4	100	100
1-5	100	100
1-6	100	100
1-7	100	100
1-8	100	100
1-9	100	100
1-10	100	100
1-11	100	100
1-12	100	100
1-13	100	100
1-14	100	100
1-15	100	100
1-16	100	100
1-17	100	100
1-18	100	100
1-19	100	100
1-20	100	100
1-21	100	100
1-22	100	100
1-23	100	100
1-24	100	100
1-25	100	100
1-26	100	100
1-27	100	100
1-28	100	100
1-29	100	100
1-30	100	100
1-31	100	100
1-32	100	100
1-33	100	100
1-34	100	100
1-35	100	100
1-36	100	100
1-37	100	100
1-38	100	100
1-39	100	100
1-40	100	100

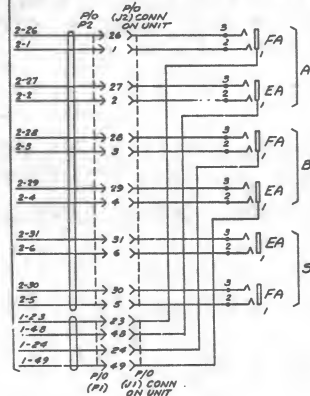
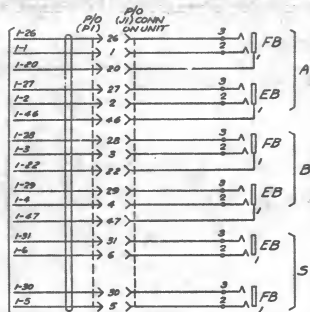
DESIG	LOCATION	
	FS	CAD
LOCAL TEST PORTS AND DISTRIBUTION CXT (CONT)		
1-41	203	100
1-42	203	100
1-43	203	100
1-44	203	100
1-45	203	100
1-46	203	100
1-47	203	100
1-48	203	100
1-49	203	100
2-1	100	103
2-2	100	103
2-3	100	103
2-4	100	103
2-5	100	103
2-6	100	103
2-7	100	103
2-8	100	103
2-9	100	103
2-10	100	103
2-11	100	103
2-12	100	103
2-13	100	103
2-14	100	103
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2-16	200	103
2-17	200	103
2-18	203	103
2-19	200	103
2-20	203	103
2-21	203	103
2-22	203	103
2-23	203	103
2-24	203	103
2-25	203	103
2-26	203	103
2-27	100	103
2-28	100	103
2-29	100	103
2-30	100	103
2-31	100	103
2-32	100	103
2-33	200	103
2-34	100	103
2-35	100	103
2-36	100	103
2-37	100	103
2-38	100	103
2-39	200	103
2-40	200	103
2-41	200	103
2-42	203	103
2-43	200	103
2-44	203	103
2-45	203	103
2-46	203	103
2-47	100	103
2-48	100	103
2-49	100	103
2-50	203	103
3-1	360	106
3-2	360	106
3-3	360	106
3-4	360	106
3-5	360	106
3-6	360	106
3-7	360	106
3-8	360	106
3-9	360	106
3-10	360	106
3-11	360	106
3-12	360	106

DESIG	LOCATION	
	FS	CAD
LOCAL TEST PORTS AND DISTRIBUTION CXT (CONT)		
3-13	360	106
3-14	360	106
3-15	360	106
3-16	360	106
3-17	360	106
3-18	360	106
3-19	360	106
3-20	360	106
3-21	360	106
3-22	360	106
3-23	360	106
3-24	360	106
3-25	360	106
3-26	360	106
3-27	360	106
3-28	360	106
3-29	360	106
3-30	360	106
3-31	360	106
3-32	360	106
3-33	360	106
3-34	360	106
3-35	360	106
3-36	360	106
3-37	360	106
3-38	360	106
3-39	360	106
3-40	360	106
3-41	360	106
3-42	360	106
3-43	360	106
3-44	360	106
3-45	360	106
3-46	360	106
3-47	360	106
3-48	360	106

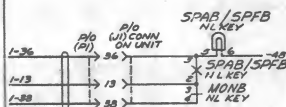
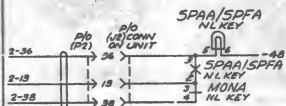
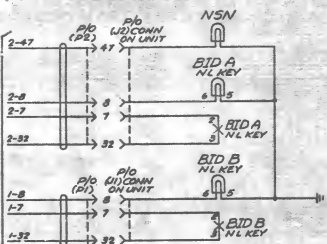
JACK, KEY, AND LAMP CIRCUIT		LAMP SIZE 65	ISSUE 2A
BELL LABORATORIES	SD-99645-01	-A2	

PART OF FS I
JACK, KEY AND LAMP CIRCUIT
(SEE NOTE 201)

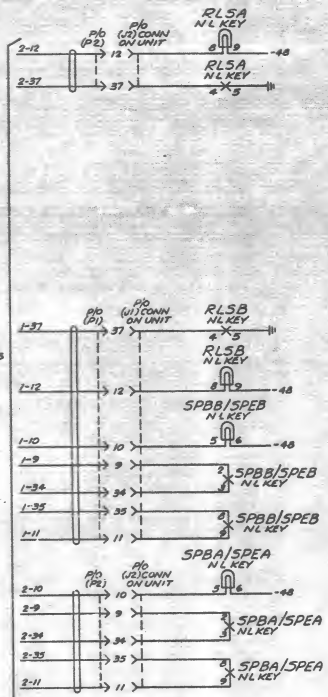
TO LOCAL TEST
PORTS AND
DISTRIBUTION
CKT
(SD-1P108-01)



TO LOCAL TEST
PORTS AND
DISTRIBUTION
CKT
(SD-1P108-01)

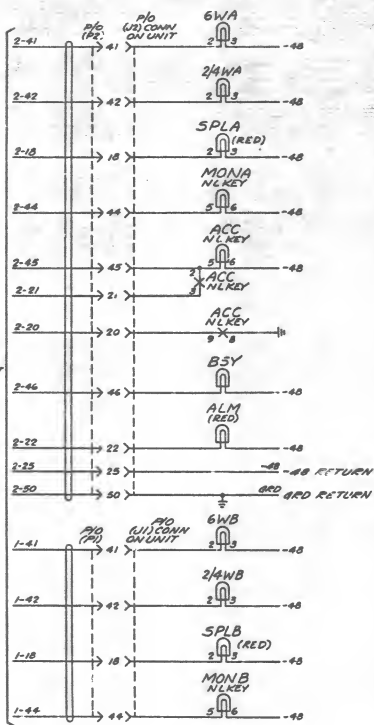
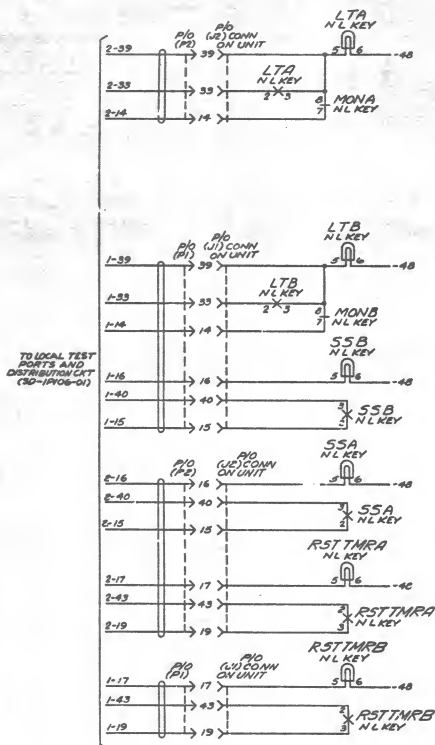


TO LOCAL TEST PORTS
AND
DISTRIBUTION CKT
(SD-1P108-01)



JACK, KEY, AND LAMP CIRCUIT		DWG SIZE 65	ISSUE 2A
DELL LABORATORIES		SD-99645-01	
		-B1	

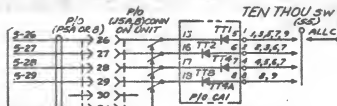
PART OF FS 1
JACK, KEY, AND LAMP CIRCUIT
(SEE NOTE 201)



JACK, KEY, AND LAMP CIRCUIT		<table><tr><td>DMG SIZE</td><td>ISSUE</td></tr><tr><td>65</td><td>2A</td></tr></table>	DMG SIZE	ISSUE	65	2A
DMG SIZE	ISSUE					
65	2A					
BELL LABORATORIES	SD-99645-01	- B2				

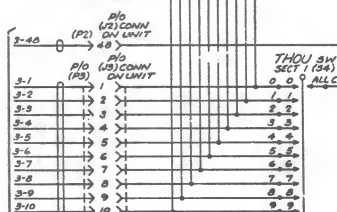
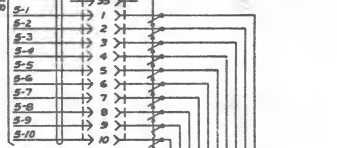
PART OF FS1
JACK, KEY, AND LAMP CIRCUIT
(SEE NOTE 201)

TO LOCAL TEST
PORTS AND
DISTRIBUTION
CKT

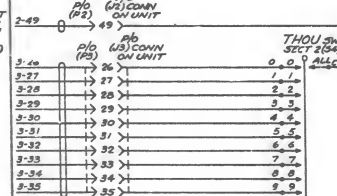


TO RTS SA
CONTROLLER CKT
SD-1107-01 OR
TO PREL JACK, KEY
& LAMP CKT FOR PSB
ON

TO SUCC JACK, KEY &
LAMP CKT FOR PSB



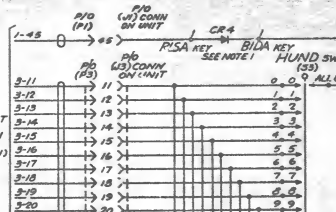
TO LOCAL TEST
PORTS AND
DISTRIBUTION
CKT
(SD-1106-01)



TO LOCAL TEST
PORTS AND
DISTRIBUTION
CKT
(SD-1106-01)

TO RTS SA
CONTROLLER CKT
SD-1107-01 OR
TO PREL JACK, KEY
& LAMP CKT FOR PSB
ON

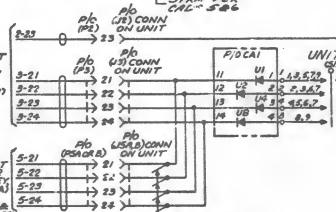
TO SUCC JACK, KEY &
LAMP CKT FOR PSB



TO LOCAL TEST
PORTS AND
DISTRIBUTION
CKT
(SD-1106-01)

TO RTS SA
CONTROLLER CKT
SD-1107-01 OR
TO PREL JACK, KEY
& LAMP CKT FOR PSB
ON

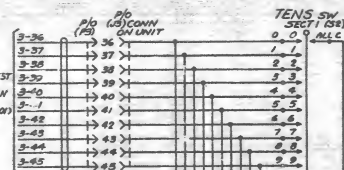
TO SUCC JACK, KEY &
LAMP CKT FOR PSB



TO LOCAL TEST
PORTS AND
DISTRIBUTION
CKT
(SD-1106-01)

TO RTS SA
CONTROLLER CKT
SD-1107-01 OR
TO PREL JACK, KEY
& LAMP CKT FOR PSB
ON

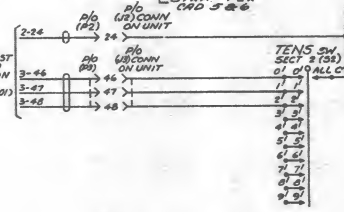
TO SUCC JACK, KEY &
LAMP CKT FOR PSB



TO LOCAL TEST
PORTS AND
DISTRIBUTION
CKT
(SD-1106-01)

TO RTS SA
CONTROLLER CKT
SD-1107-01 OR
TO PREL JACK, KEY
& LAMP CKT FOR PSB
ON

TO SUCC JACK, KEY &
LAMP CKT FOR PSB



NOTES:
1. THE SPARE TERMINALS ARE USED ONLY AS A MOUNTING
ARRANGEMENT FOR THE CR4 DIODE.

JACK, KEY, AND LAMP CIRCUIT		DWG SIZE	ISSUE
		AS	2A
BELL LABORATORIES	SD-99645-01	-B3	

APP FIG. 1

CONNECTOR

DESIG	LOC	CODE
A EA	1E2	238AN (JACK)
A EB	1B2	238AN (JACK)
A FA	1E2	238AN (JACK)
A FB	1B2	238AN (JACK)
B EA	1F2	238AN (JACK)
B EB	1C2	238AN (JACK)
B FA	1E2	238AN (JACK)
B FB	1B2	238AN (JACK)
S EA	1F2	238AN (JACK)
S EB	1C2	238AN (JACK)
S FA	1E2	238AN (JACK)
S FB	1D2	238AN (JACK)

COMPONENT ASSEMBLY

TERMINAL STRIP				
DESIG	LOC	CODE		
1 U1	11	382		
2 U2	12	382		
3 U3	13	382		
4 U4	14	382		
5 TT1	15	382		
6 TT2	16	382		
7 TT4	17	382		
8 TT8	18	382		

101. THIS CIRCUIT RECEIVES -48 VOLTS VIA A 1-1/3 AMP FUSE AND GROUND FROM THE CONNECTING CIRCUIT.

103.

[illegible]

201. CONNECTORIZED CABLES SHALL BE AS LISTED BELOW.

A25C TYPE OR EQUIVALENT:
TO MATE WITH OTHER CONNECTORS

ADDITIONAL INFORMATION OR INTERCONNECTION OF SPMS
UNITS MAY BE FOUND IN ED-1P465-01 & SD-1P138-01.

301. UNLESS OTHERWISE SPECIFIED:
VALUES PRECEDED BY THE SYMBOL + (PLUS)
OR - (MINUS) ARE IN VOLTS.

[illegible]

JACK, KEY, AND LAMP CIRCUIT		DWG SIZE 65	ISSUE 2A
BELL LABORATORIES	SD-99645-01	-D1	

CAD 1 (FOR APP FIG. 1)

1-1	1	2	(A FB)JK
1-26	26	5	
1-2	2	2	(A EB)JK
1-27	27	2	
1-3	3	2	(B FB)JK
1-28	28	2	
1-4	4	2	(B EB)JK
1-29	29	2	
1-5	5	2	(S FA)JK
1-30	30	2	
1-6	6	2	(S EB)JK
1-31	31	2	
1-7	7	2	(BIDA)KEY
1-32	32	2	
1-8	8	2	(LTA)KEY
1-33	33	2	
1-9	9	2	
1-34	34	2	(SPBB/SPBA)KEY
1-10	10	2	
1-35	35	2	
1-11	11	2	(SPAB/SPFB)KEY
1-36	36	2	
1-12	12	2	(RLSB)KEY
1-37	37	2	
1-13	13	2	(MONB)KEY
1-38	38	2	
1-14	14	2	
1-39	39	2	
1-15	15	2	(SSB)KEY
1-40	40	2	
1-16	16	2	
1-41	41	2	(GWB)LP
1-17	17	2	(RST THRA)KEY
1-42	42	2	(LAWB)LP
1-18	18	2	(SPLB)LP
1-43	43	2	(RST THRA)KEY
1-19	19	2	(MONB)KEY
1-44	44	2	
1-20	20	2	(A FB)JK
1-45	45	2	(CR4) DIODE
1-21	21	2	(TEN THOU) SW (35)
1-46	46	2	(A EB)JK
1-22	22	2	(B FB)JK
1-47	47	2	(B EB)JK
1-23	23	2	(A FA)JK
1-48	48	2	(A EB)JK
1-24	24	2	(B FA)JK
1-49	49	2	(B EB)JK
1-25	25	2	
1-50	50	2	

TO
LOCAL TEST
PORTS AND
DISTRIBUTION
CKT
(SEE NOTE 1)

(D1)
PLUS ON
CONN CABLE
UNIT
(SEE NOTE 30) J9959 AP

CAD 2 (FOR APP FIG. 1)

2-1	1	2	(A FA)JK
2-26	26	2	
2-2	2	2	(A EA)JK
2-27	27	2	
2-3	3	2	(B FA)JK
2-28	28	2	
2-4	4	2	(B EA)JK
2-29	29	2	
2-5	5	2	(S FA)JK
2-30	30	2	
2-6	6	2	(S EA)JK
2-31	31	2	
2-7	7	2	(BIDA)KEY
2-32	32	2	
2-8	8	2	(LTA)KEY
2-33	33	2	
2-9	9	2	
2-34	34	2	(SPBA/SPFA)KEY
2-10	10	2	
2-35	35	2	
2-11	11	2	(SPAB/SPFA)KEY
2-36	36	2	
2-12	12	2	(RLSA)KEY
2-37	37	2	
2-13	13	2	(MONA)KEY
2-38	38	2	
2-14	14	2	
2-39	39	2	
2-15	15	2	(SSA)KEY
2-40	40	2	
2-16	16	2	
2-41	41	2	(GWA)LP
2-17	17	2	(RST THRA)KEY
2-42	42	2	(LAWB)LP
2-18	18	2	(SPLA)LP
2-43	43	2	(RST THRA)KEY
2-19	19	2	(MONA)KEY
2-44	44	2	
2-20	20	2	(ACC)KEY
2-45	45	2	
2-21	21	2	(BSY)LP
2-46	46	2	(ALM)LP
2-22	22	2	(NSH)LP
2-47	47	2	(UNIV) SW (31)
2-23	23	2	(THOU) SW (34)
2-48	48	2	(TEN) SW (32)
2-24	24	2	(THOU) SW (34)
2-49	49	2	
2-25	25	2	(LTA)KEY
2-50	50	2	(RLSA)KEY

TO
LOCAL TEST
PORTS AND
DISTRIBUTION
CKT
(SEE NOTE 1)

(P)
PLUS ON
CONN CABLE
UNIT
(SEE NOTE 30) J9959 AP

CAD 3 (FOR APP FIG. 1)

3-1	1	0	(THOU) SW SECT 1 (34)
3-26	26	0	
3-2	2	1	
3-27	27	2	
3-3	3	2	
3-28	28	2	
3-4	4	2	
3-29	29	2	
3-5	5	4	
3-30	30	4	(THOU) SW SECT 2 (34)
3-6	6	5	
3-31	31	5	
3-7	7	6	
3-32	32	6	
3-8	8	7	
3-33	33	7	
3-9	9	8	
3-34	34	8	
3-10	10	9	
3-35	35	9	
3-11	11	0	(HUND) SW (33)
3-36	36	0	
3-12	12	1	
3-37	37	1	
3-13	13	2	
3-38	38	2	
3-14	14	3	
3-39	39	3	
3-15	15	4	
3-40	40	4	(TENS) SW SECT 1 (33)
3-16	16	5	
3-41	41	5	
3-17	17	6	
3-42	42	6	
3-18	18	7	
3-43	43	7	
3-19	19	8	
3-44	44	8	
3-20	20	9	
3-45	45	9	
3-21	21	11	(UNIV) SW (31) VIA (CAT) CONTRA
3-46	46	11	
3-22	22	12	
3-47	47	12	(TENS) SW SECT 2 (32)
3-23	23	13	
3-48	48	13	
3-24	24	14	
3-49	49	14	
3-25	25	15	
3-50	50	15	

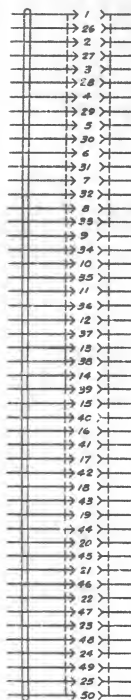
TO
LOCAL TEST
PORTS AND
DISTRIBUTION
CKT
(SEE NOTE 1)

(P)
PLUS ON
CONN CABLE
UNIT
(SEE NOTE 30) J9959 AP

NOTES:
1. CONNECTIONS TO (11) ARE NOT REQUIRED WHEN JACK KEY
AND LAMP KEY IS CONTROLLED BY RELAY CIRCUITRY (J9959AP)
OR SD-THOU-01 FOR SHES TO APPLICATION.

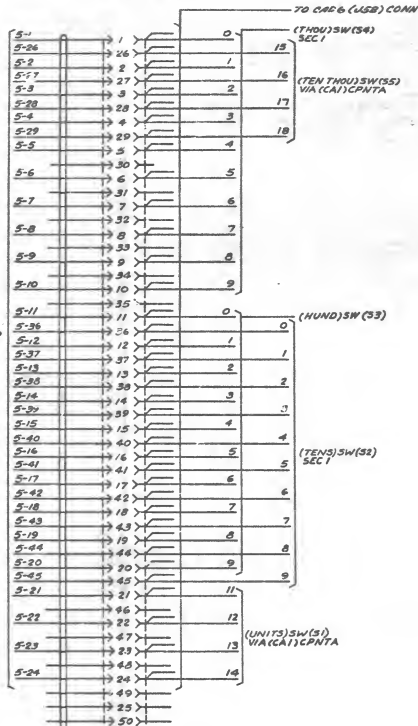
JACK KEY, -B LAMP CIRCUIT		Dwg Size		Issue	
		65		2A	
BELL LABORATORIES		SD-99645-01		-61	

CAD 4
(FOR APP FIG.)



TO
RTS SA
CONTROLLER CKT OR
TO PREC JACK, KEYS, LAMP
CIRCUIT FOR (PSA)
OR
TO SUCC JACK, KEYS, &
LAMP CKT FOR (SSB)

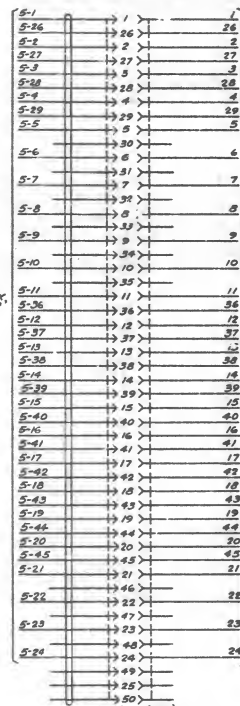
CAD 5
(FOR APP FIG. 1)



(PSA)
PLUG ON
CONN CABLE
(SEE NOTE 201)

(SSB)
CONN ON
UNIT
J99559 AP

CAD 6
(FOR APP FIG. 1)



(PSA)
PLUG ON
CONN CABLE
(SEE NOTE 201)

(SSB)
CONN ON
UNIT
J99559 AP

TO CAD 5

JACK, KEY, AND LAMP CIRCUIT		ONE SIZE	ISSUE
		1:	24
BELL LABORATORIES	SD-99645-01	-62	